120403

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 69,010-0331

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

#### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

တ 🔾
. 3
$\neg \cup$
_
N -
- 22 - 23
$\circ$
$\sim$
->-

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled: MARS UNIT LAMP DRIVER and invented by: MARTIN D. PIERSON If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: □ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Which is a: □ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Which is a: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Enclosed are: Application Elements Filing fee as calculated and transmitted as described below 2. Specification having /2 pages and including the following: a. 🛛 Descriptive Title of the Invention  $\boxtimes$ Cross References to Related Applications (if applicable) 60/430,893 Statement Regarding Federally-sponsored Research/Development (if applicable) Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix  $\boxtimes$ Background of the Invention Brief Summary of the Invention  $\boxtimes$ Brief Description of the Drawings (if filed) **Detailed Description**  $\boxtimes$ Claim(s) as Classified Below i. 🗆 Abstract of the Disclosure

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 69,010-0331

Total Pages in this Submission

## **Application Elements (Continued)**

3.	$\boxtimes$	Drawing(s) (when necessary as prescribed by 35 USC 113)
	a.	☐ Formal Number of Sheets
	b.	
4.		Oath or Declaration
	a.	☐ Newly executed (original or copy) ☐ Unexecuted
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
	C.	☐ With Power of Attorney ☐ Without Power of Attorney
	d.	☐ <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.		Application Data Sheet (See 37 CFR 1.76)
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
	a.	☐ Computer Readable Form (CRF)
	b.	☐ Specification Sequence Listing on:
		i. CD-ROM or CD-R (2 copies); or
		ii. 🔲 Paper
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy
		Accompanying Application Parts
9.		Assignment Papers (cover sheet & document(s))
10.		37 CFR 3.73(B) Statement (when there is an assignee)
11.		English Translation Document (if applicable)
12.	X	Information Disclosure Statement/PTO-1449 🖾 Copies of IDS Citations
13.	$\boxtimes$	Preliminary Amendment
14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	$\boxtimes$	Certificate of Mailing
		☐ First Class ☒ Express Mail (Specify Label No.): EU936172700US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 69,010-0331

Total Pages in this Submission

	Accompanying Application Parts (Continued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 69,010-0331

Total Pages in this Submission

Fee	Cal	cul	ation	and '	Transmi	ittal
	vai	- CUI	auvn	anu	Hallolli	ııaı

#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee **Total Claims** - 20 = \$18.00 25 5 Х \$0.00 Indep. Claims 1 - 3 = \$86.00 Multiple Dependent Claims (check if applicable) \$0.00 \$770.00 **BASIC FEE** \$0.00 OTHER FEE (specify purpose) **TOTAL FILING FEE** ☐ A check in the amount of to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 04-2223 as described below. 878,00 □ Charge the amount of the control of the \$860.00 as filing fee. ☑ Credit any overpayment. □ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). 150 K. Mack Signature Dated: LISA K. MACK DYKEMA GOSSETT PLLC 39577 WOODWARD AVENUE, SUITE 300 **BLOOMFIELD HILLS, MI 48304** 248 203 0874

CC:

Serial No. UNASSIGNED  MARS UNIT LAMP DRIVER  I hereby certify that the following corresponding the properties of the pr	ndence:  NSMITTAL (LA  (Identify type of co	orrespondence)	Group Art Uni UNASSIGNEI  Addressee" service unde
I hereby certify that the following corresponding the control of t	NSMITTAL (LA	orrespondence)	Addressee" service unde
UTILITY PATENT APPLICATION TRANS s being deposited with the United States CFR 1.10 in an envelope addressed to: C	NSMITTAL (LA	orrespondence)	Addressee" service unde
S being deposited with the United States CFR 1.10 in an envelope addressed to: C	NSMITTAL (LA	orrespondence)	Addressee" service unde
CFR 1.10 in an envelope addressed to: C	Postal Service "		Addressee" service unde
CFR 1.10 in an envelope addressed to: C		'Express Mail Post Office to	Addressee" service unde
DECEMBER 4. 20	ommissioner for	r Patents, P.O. Box 1450, Al	lexandria, VA 22313-1450
(Date)	003		
	<del></del>	LISA K. MA	
		(Typed or Printed Name of Person M	Aailing Correspondence)
		(Signature of Person Mailing	Much Correspondence)
		EU93617270	OOUS
		("Express Mail" Mailing	
		•	
May 19 1		14	
Note: Each	paper must nave i	its own certificate of mailing.	

	MAILING BY "EXPRESS D. PIERSON	MAIL" (37 CFR 1.10)	Docket No. 69,010-0331
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
vention: MARS UNIT	LAMP DRIVER	10 to	
I hereby certify that the	e following correspondence:		
PATENT APPLICATI	ON WITH <u>/Z</u> SHEETS SPECIFI	CATION, 4 SHEETS CLAIMS.	
	(Identify type	of correspondence)	
s being deposited with		of correspondence) ce "Express Mail Post Office to A	ddressee" service under
,	n the United States Postal Service	-	
,	n the United States Postal Service	ce "Express Mail Post Office to A	
	n the United States Postal Service	ce "Express Mail Post Office to A	
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	ce "Express Mail Post Office to A for Patents, P.O. Box 1450, Alex LISA K. MAC	andria, VA 22313-1450
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	ce "Express Mail Post Office to A for Patents, P.O. Box 1450, Alex	andria, VA 22313-1450
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	ce "Express Mail Post Office to A for Patents, P.O. Box 1450, Alex LISA K. MAC (Typed or Printed Name of Person Mail	eandria, VA 22313-1450  K  Ring Correspondence)  Wack
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	LISA K. MAC  (Typed or Printed Name of Person Mail  (Signature of Person Mailing Co	eandria, VA 22313-1450  EK  Ing Correspondence)  Mack  Orrespondence)
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	LISA K. MAC  (Typed or Printed Name of Person Mailing Co	eandria, VA 22313-1450 (EK)  Ling Correspondence)  Orrespondence)  US
	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	LISA K. MAC  (Typed or Printed Name of Person Mail  (Signature of Person Mailing Co	Example (Section of the Correspondence)  Section (Correspondence)  Section (Correspondence)  Section (Correspondence)  Orrespondence)  US
,	n the United States Postal Service pe addressed to: Commissioner DECEMBER 4, 2003	LISA K. MAC  (Typed or Printed Name of Person Mailing Co	Example (Section 2) (1997)  Ex
	the United States Postal Service pe addressed to: Commissioner  DECEMBER 4, 2003  (Date)	LISA K. MAC  (Typed or Printed Name of Person Mailing Co  (Signature of Person Mailing Co  EU9361727001	Example (Section 2) (1997)  Ex
	the United States Postal Service pe addressed to: Commissioner  DECEMBER 4, 2003  (Date)	LISA K. MAC  (Typed or Printed Name of Person Mailing Co	Example (Section 2) (1997)  Ex

Applicant(s): MARTIN	MAILING BY "EXPRESS I D. PIERSON	MAIL" (37 CFR 1.10)	Docket No. 69,010-0331
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
nvention: MARS UNIT	LAMP DRIVER		
I hereby certify that the	e following correspondence:		
POSTCARD			
	(Identify type o	of correspondence)	
		e "Express Mail Post Office to Addr for Patents, P.O. Box 1450, Alexan	
	DECEMBER 4, 2003 (Date)		
		LISA K. MACK	
		(Towned on Deirested Masses of Description of the contract of	
		(Typed or Printed Name of Person Mailing	Correspondence)
		Disa 14.	Mack
		(Signature of Person Mailing Corres	Mack
		(Signature of Person Mailing Corres	Mack spondence)
		(Signature of Person Mailing Corres	Mack spondence)
		(Signature of Person Mailing Corres	Mack spondence)
		(Signature of Person Mailing Corres	Mack spondence)
	Note: Each paper must ha	(Signature of Person Mailing Corres	Mack spondence)
	Note: Each paper must ha	(Signature of Person Mailing Corres  EU936172700US  ("Express Mail" Mailing Label N	Mack spondence)
	Note: Each paper must ha	(Signature of Person Mailing Corres  EU936172700US  ("Express Mail" Mailing Label N	Mack spondence)
	Note: Each paper must ha	(Signature of Person Mailing Corres  EU936172700US  ("Express Mail" Mailing Label N	Mack spondence)
	Note: Each paper must ha	(Signature of Person Mailing Corres  EU936172700US  ("Express Mail" Mailing Label N	Mack spondence)

CERTIFICATE OF Applicant(s): MARTIN	MAILING BY "EXPRESS D. PIERSON	MAIL" (37 CFR 1.10)	Docket No. 69,010-0331
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT	LAMP DRIVER		
	e following correspondence:	NE REFERENCE	
	the United States Postal Service	of correspondence) ce "Express Mail Post Office to A for Patents, P.O. Box 1450, Alex	
	DECEMBER 4, 2003 (Date)		
		LISA K. MAC (Typed or Printed Name of Person Mac    Compared to the compared t	iling Correspondence)  Mack
		EU936172700 ("Express Mail" Mailing La	US
	Note: Each paper must ha	ave its own certificate of mailing.	

CERTIFICATE OF	MAILING BY "EXPRESS I	MAIL" (37 CFR 1.10)	Docket No.
Applicant(s): MARTIN		69,010-0331	
			0
Serial No.	Filing Date	Examiner	Group Art Unit
UNASSIGNED	DECEMBER 4, 2003	UNASSIGNED	UNASSIGNED
Invention: MARS UNIT	LAMP DRIVER		
		<u> </u>	•
I hereby certify that the	e following correspondence:		
	3 .		
TDANSMITTAL OF I	NFORMATION DISCLOSURE S	TATEMENT.	
I KANSWIII IAL OF I	NFORMATION DISCLOSURE S	STATEMENT	
	(Identify type	of correspondence)	
is heing denosited with	the United States Postal Service	ce "Express Mail Post Office to Add	ressee" service under 37
CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Alexar	idria, VA 22313-1450 on
	DECEMBER 4, 2003		
	(Date)		
		LISA K. MACK	
		(Typed or Printed Name of Person Mailin	
		D. 2	<b>~</b>
		(Signature of Person Mailing Corre	espondence)
		EU936172700US	
		("Express Mail" Mailing Label	Number)
		•	
	Note: Each paper must ha	eve its own certificate of mailing.	

CERTIFICATE OF Applicant(s): MARTIN	Docket No. 69,010-0331		
Serial No. UNASSIGNED	Filing Date DECEMBER 4, 2003	Examiner UNASSIGNED	Group Art Unit UNASSIGNED
Invention: MARS UNIT	LAMP DRIVER		
I hereby certify that the PRELIMINARY AME	e following correspondence:		
	(Identify type)	of correspondence)	
is heing denosited with	h the United States Postal Service	•	ddressee" service under 37
	ope addressed to: Commissioner		
	DECEMBER 4, 2003 (Date)		
		LISA K. MAC	
		(Typed or Printed Name of Person Ma	iling Correspondence)
		Lion B	Mack
•		(Signature of Person Mailing C	orrespondence)
		EU936172700	
		("Express Mail" Mailing La	bel Number)
	Note: Each paper must ha	eve its own certificate of mailing.	
	F-1	9	

### **Detailed Explanation Of Drawing Changes**

Applicant currently adds new figures Fig. 4, Fig. 5 and Fig 6.

By this preliminary amendment, page 6 of the application is amended to provide: "According to the previous teachings, the lamp driver 100 generates sequential, and, in some cases, slightly overlapping, signals to each of the lights 40 through the connector 50 such that the fiber optic conductors 42 output light that mimics the appearance of one lamp moving in a figure-eight pattern. According to one embodiment shown by the sequence in Fig. 4, Fig.5 and Fig. 6, groups of 2, 3 or more lights could be activated at a time. The next group of lights to be activated could be adjacent to the first group to be activated, or could overlap the first group."

BH01\437101.1 ID\LKM